
CLINICAL IMAGING

Contents

VOLUME 15, NUMBER 1, 1991

REVIEW

- 1 Some Normal Variants That May Be Mistaken for Disease**
Theodore E. Keats

ORIGINAL ARTICLES

- 20 The Foramen Ovale: MR and CT Correlation**
William M. Merenich, Joel D. Swartz, Philip S. Yussen,
George L. Popky, and Stephen D. Silberstein
- 31 Intrathoracic Fat: A New CT Feature of Intrathoracic Rib**
Nour-El-Din Hawass, Hassan Bahakim, and Ahmad Amer Al-Boukai
- 35 Ventriculoperitoneal Shunt Failure Resulting From
Complications of the Thoracic Segment of the Shunt Catheter**
Edward R. Savolaine and Tasneem Khimji
- 41 Computed Tomography in the Diagnosis of Lymphangiomas
in Infants and Children**
Pilar A. Caro, Soroosh Mahboubi, and Eric N. Faerber
- 47 Degenerative Disease of the Lumbar Spine: Role of
CT-Myelography in the MR Era**
Andrew L. Goldberg, Mary Scott Campbell Soo, Ziad L. Deeb, and
William E. Rothfus
- 56 Osseous Sporotrichosis: CT Appearance**
Geraldine T. Mogavero, Elliot K. Fishman, and Donna Magid
- 59 The "Pseudo-Ring-Sling" Complex in Unilateral Pulmonary
Agenesis**
Maria E. Schmidt, April Preston, and Richard D. Bellah

RADIOLOGY-PATHOLOGY CONFERENCE

- 62 A 15-Year-Old Black Girl with a Left Abdominal Mass**
Ronald A. Manfredi, Antonio F. Govoni, and Jodi Sassoon

BOOK REVIEWS

- 68 Christensen's Physics of Diagnostic Radiology, 4th ed.**
Review by Stephen Balter
- A Color Atlas of Brain Disorders in the Newborn**
Review by Patricia Winchester

ABSTRACTS

69 **Summaries of Selected Journal Articles**

NOTICES

73 **Radiology Courses and Meetings**

VOLUME 15, NUMBER 2, 1991

REVIEWS

- 77 **Assessment of Congenital Hip Dislocation with Real-Time
Ultrasound: A Pictorial Essay**
D.K.B. Boal and Edwards P. Schwentker
- 91 **Mesenteric Ischemia: Angiographic Diagnosis and
Intervention**
James U. Morano and R. Brent Harrison

ORIGINAL ARTICLES

- 99 **CT-Guided Liver Biopsy: An Update**
Hyun Kwon Ha, Peter B. Sachs, John R. Haaga, and
Fadi Abdul-Karim
- 105 **Localized Fibrous Pleural Mesothelioma: CT Findings**
David S. Mendelson, Eric Meary, J.N. Buy, I. Pigeau, and
Paul A. Kirschner
- 109 **MRI Features of Spinal Ganglioglioma**
Ying-Kei Cheung, Ching-Fai Fung, Fu-Luk Chan, and
Lilian L.Y. Leong
- 113 **Benign Non-Parenchymal Renal Tumors: Radiologic
Appearances**
Yutaka Inoue, Hironobu Nakamura, Seiji Yamaguchi,
Kohichi Yamazaki, and Masao Osafune
- 118 **Abscessed Splenic Hydatid Cyst: Sonographic and CT
Findings**
T. Franquet, R. Cozcolluela, M. Montes, and J. Sanchez
- 121 **Gd-DTPA Enhanced MRI of Herpes Simplex Encephalitis:
A Case Report**
Phil Switzer, John M. Gomori, and Sid Eliashiv
- 125 **Isolated Rhombencephalosynapsis Diagnosed by Magnetic
Resonance Imaging**
Edward R. Savolaine, Ronald J. Fadell, and Yogesh P. Patel
- 130 **MRI of Myositis Ossificans Circumscripta**
Shigeru Ehara, Tatsuhiko Nakasato, Yoshiharu Tamakawa,
Hiroyoshi Yamataka, Hideki Murakami, and Masataka Abe

RADIOLOGY-PATHOLOGY CONFERENCE

135 A 67-Year-Old Man with a 1½ Year History of Progressive Left Supraclavicular Mass

Jody Tanabe, Antonio F. Govoni, and Jonathan R. Zirn

BOOK REVIEWS

139 MRI/CT and Pathology in Head and Neck Tumors

Review by Karen Weingarten

Radiation Oncology: Radiobiological and Physiological Perspectives—The Boundary Zone Between Clinical Radiotherapy and Fundamental Radiobiology and Physiology

Review by Pat Zanzonico, Shanthini Rajaratnam, and Florence Chu

Atlas of Human Cross-Sectional Anatomy with CT and MR Images, 2nd ed.

Review by Christel J. Bauer

Practical Echocardiography and Doppler

Review by Mitchell A. Goldman

Physics and Instrumentation of Diagnostic Medical Ultrasound

Review by Stephen Balter

Clinical Correlations in the Head and Neck, Volume 1: The Larynx

Review by R. Thomas Bergeron

An Introduction to Magnetic Resonance in Medicine

Review by R. James R. Knowles

Sorting Out the Facts: Detection and Treatment of Early Breast Cancer

Review by Giles F. Whalen

The Visible Human Body: An Atlas of Sectional Anatomy

Review by William A. Rubenstein

Clinical Radiology of the Breast

Review by Antonio F. Govoni

ABSTRACTS

146 Summaries of Selected Journal Articles

VOLUME 15, NUMBER 3, 1991

REVIEW

153 Gadolinium-Enhanced MRI of Intracranial Lesions: A Review of Indications and Results

G. Wilms, G. Marchal, Ph. Demaerel, P. Van Hecke, and A.L. Baert

ORIGINAL ARTICLES

- 166 **Distribution of Metastases in Breast Carcinoma: CT Evaluation of the Abdomen**
 Cynthia I. Caskey, John C. Scartarige, and Elliot K. Fishman
- 172 **Perineural Extension of Nasopharyngeal Carcinoma into the Posterior Cranial Fossa Detected by Magnetic Resonance Imaging**
 Katsuyoshi Mineura, Masayoshi Kowada, and Noriaki Tomura
- 176 **MR Imaging of Middle Cerebral Artery Occlusion without Cerebral Infarction**
 Akira Uchino, Tomoko Mori, and Masato Ohno
- 182 **Infarcted Appendiceal Carcinoid: CT Appearance Mimicking Appendiceal Abscess**
 David M. Warshauer, Enrique Criado, John T. Woosley, and Daniel L. Grimmer
- 185 **High-Resolution Computed Tomography of Japanese Summer-Type Hypersensitivity Pneumonitis**
 Hajime Nakata, Kanji Egashira, Toru Tsuda, Katsumi Hiraoka, and Masamitsu Kido
- 191 **Computed Tomography of Congenital Spondylolisthesis of the Sixth Cervical Vertebra**
 Michael G. Edwards, David Wesolowski, Manfred T. Benson, and Ay-Ming Wang
- 196 **Respiratory Gating in Magnetic Resonance Imaging: Improved Image Quality over Non-Gated Images for Equal Scan Time**
 Mark W. Groch, David A. Turner, and William D. Erwin
- 202 **MR Imaging of Pituitary Hypertrophy Due to Juvenile Primary Hypothyroidism: A Case Report**
 Toshiro Kuroiwa, Yasufumi Okabe, Kanehiro Hasuo, Kotaro Yasumori, Akira Mizushima, and Kouji Masuda
- 206 **Radiographic Imaging in Assessment of Combined Manubriosternal and Spinal Fracture**
 Edward R. Savolaine, Nabil A. Ebraheim, and Thomas Coon
- 210 **MRI in Hyperparathyroidism Requiring Reoperation**
 Fred W. Flickinger, Sathyanarayana, James E. White, and Edward B. McWhirt
- 213 **CT Appearance of Mesenteric Saponification**
 Allan Paris, Jr., and Steven James Willing
- 216 **Nonfunctional Paraganglioma of the Liver**
 Young S. Kang, Janet E. Kuhlman, Elliot K. Fishman, and Elias A. Zerhouni
- 220 **Coexistent Adenocarcinoma and Microcystic Adenoma of the Pancreas**
 Harold V. Posniak, Mary C. Olson, and Terrence C. Demos
- 223 **Uterine Perforation by an Intracavitary Tandem: CT Demonstration**
 Robert M. Milman and Philip Goodman

RADIOLOGY-PATHOLOGY CONFERENCE

- 227 **A 31-Year-Old White Man with a Sclerotic Lesion of L1**
 Christel J. Bauer, Antonio F. Govoni, and Elaine Hom

BOOK REVIEWS

231 Diagnostic Radiology 1990

Review by David B. Hayt

Differential Diagnosis in Conventional Radiology

Review by David B. Hayt

The Non-Invasive Evaluation of Hemodynamics in Congenital Heart Disease

Review by Mitchell A. Goldman

Clinical Anatomy of the Posterior Cranial Fossa and Its Foramina

Review by Gerard A. Compito

Information Processing in Medical Imaging

Review by R. James R. Knowles

Ultrasound in Gynecology and Obstetrics: Textbook and Atlas

Review by William Rubenstein

Imaging of the Pelvis: MRI with Correlations to CT and Ultrasound

Review by John Markisz

Magnetic Resonance Imaging of Carcinoma of the Urinary Bladder

Review by Susan Krysiwicz

Transvaginal Ultrasound

Review by Ruth Rosenblatt

CT of the Immunocompressed Host (Vol. 14, Contemporary Issues in Computed Tomography)

Review by Stuart W. Young

Dictionary and Handbook of Nuclear Medicine and Clinical Imaging

Review by Lisa Ehrlich

ABSTRACTS

238 Summaries of Selected Journal Articles

NOTICES

243 Radiology Courses and Meetings

VOLUME 15, NUMBER 4, 1991

REVIEWS

245 Pictorial Essay: Transabdominal and Endovaginal Sonography of Adnexal Masses

Kiran A. Jain and R. Brooke Jeffrey, Jr.

253 Screening for Breast Cancer with Mammography

Edward A. Sickles

ORIGINAL ARTICLES

- 261 **Infected Abdominal Aortic Aneurysm Due to Salmonella: CT Evaluation**
Kazuomi Kario, Yoshifumi Mizuno, Kazuro Kanatsu,
Hidemitsu Tankawa, and Masanao Ikeda
- 265 **Mesenteric Panniculitis: Findings on CT, MRI, and Angiography**
Carlos M. Badiola-Varela, Steven K. Sussman, and Marc F. Glickstein
- 268 **Detection of Internal Mammary Lymph Node Enlargement: Comparison of CT Scans and Conventional Roentgenograms**
William W. Scott, Jr., and Elliot K. Fishman
- 273 **Venous Sinus Thrombosis as a Cause of Parenchymal and Intraventricular Hemorrhage in the Full-Term Neonate**
Lynne Voutsinas, Michael T. Gorey, Robert Gould, Karen S. Black,
Donna Maria Scuderi, and Roger A. Hyman
- 276 **Imaging of Retroperitoneal Rhabdomyosarcoma Mimicking Hypernephroma**
Perry S. Gerard, Ronald Frank, Eric Wilck, Alan Bergman,
Ben Preminger, and Zvi Lefkowitz
- 280 **Communicating Intrathoracic Hydrocele**
W. Stuart Hartley, Stephen I. Schabel, Michael C. Scruggs,
Nancy S. Curry, and D. Mark Allan
- 283 **"Reverse-Figure 3" Sign in Duodenal Adenocarcinoma Arising in a Villous Adenoma: Radiographic Demonstration**
Philip Goodman, Linda N. Anaya, and William K. Gourley
- 286 **Osseous Metastasis in Medulloblastoma: MRI Findings in an Unusual Case**
Erik M. Olson, Robert D. Tien, and Marc C. Chamberlain
- 290 **Ossifying Fibroma in the Nasopharynx**
Bilge Çakır and Nimet Karadayı
- 293 **Metastatic Hypernephroma Masquerading as Acute Cholecystitis**
Stuart Golbey, Perry S. Gerard, and Ronald G. Frank
- 296 **Detection of the Fetus in the Cul-de-Sac by Transabdominal and Transvaginal Ultrasound**
Jing Gao, Elias Kazam, and Joseph P. Whalen
- 299 **Perinephric Hemorrhage Secondary to Adrenal Myelolipoma**
Steven K. Sussman and Werner Rosshirt

RADIOLOGY-PATHOLOGY CONFERENCE

- 302 **A 15-Year-Old Girl with Recent Onset of Ataxia and Visual Disturbances**
Eileen T. McGlynn and Antonio F. Govoni

BOOK REVIEWS

- 307 **Transvaginal Sonography, 2nd ed.**
Review by Ruth Rosenblatt
- Atlas of Roentgenographic Measurements, 6th ed.**
Review by David B. Hayt

**Echocardiography, Volume II in Diagnostic Medical
Sonography**

Review by Mitchell A. Goldman

Color Doppler Flow Imaging

Review by William A. Rubenstein

MR and CT Imaging of the Head, Neck, and Spine, 2nd ed.

Review by R. Gerard A. Compito

**Radiation Therapy for Head and Neck Neoplasms:
Indications, Techniques, and Results**

Review by Florence Chu

ABSTRACTS

311 Summaries of Selected Journal Articles

NOTICES

316 A Note of Thanks

318 Radiology Courses and Meetings

319 Advertisement

320 Author Index

322 Subject Index

Volume Contents

